

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:53:58 ON 08 JAN 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JAN 2008 HIGHEST RN 960112-28-1

DICTIONARY FILE UPDATES: 7 JAN 2008 HIGHEST RN 960112-28-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

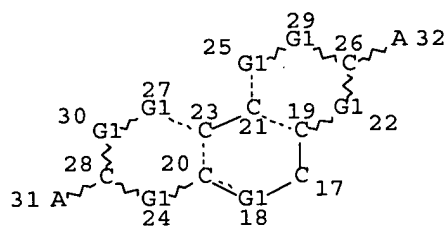
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d sta que 136

L28 STR



VAR G1=C/N

NODE ATTRIBUTES:

NSPEC IS RC AT 31

NSPEC IS RC AT 32

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

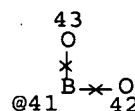
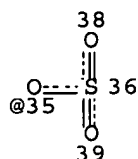
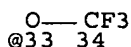
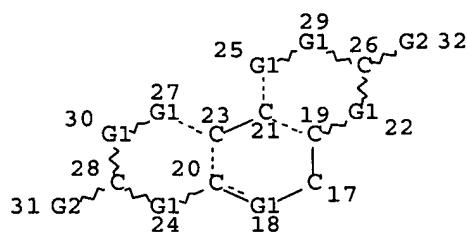
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

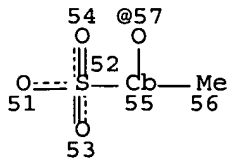
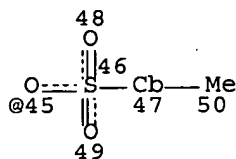
STEREO ATTRIBUTES: NONE

L30 3760 SEA FILE=REGISTRY SSS FUL L28

L34 STR



Sn @44



VAR G1=C/N

VAR G2=X/45/57/33/35/41/44

NODE ATTRIBUTES:

NSPEC IS RC AT 44

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 47

GGCAT IS MCY UNS AT 55

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 39

STEREO ATTRIBUTES: NONE

L36 255 SEA FILE=REGISTRY SUB=L30.SSS FUL L34

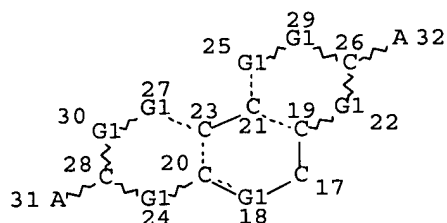
100.0% PROCESSED 1081 ITERATIONS

255 ANSWERS

SEARCH TIME: 00.00.01

=> d sta que 140

L28 STR



VAR G1=C/N

NODE ATTRIBUTES:

NSPEC IS RC AT 31

NSPEC IS RC AT 32

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

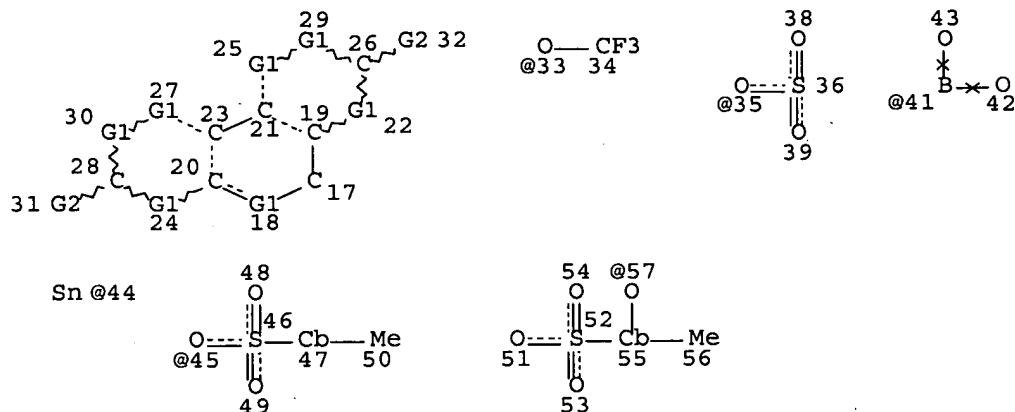
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L30 3760 SEA FILE=REGISTRY SSS FUL L28

L39 STR



VAR G1=C/N

VAR G2=X/45/57/33/35/41/44/AK

NODE ATTRIBUTES:

NSPEC IS RC AT 44

DEFAULT MLEVEL IS ATOM

GGCAT IS MCY UNS AT 47

GGCAT IS MCY UNS AT 55

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 39

STEREO ATTRIBUTES: NONE

L40 836 SEA FILE=REGISTRY SUB=L30 SSS FUL L39

100.0% PROCESSED 3760 ITERATIONS

836 ANSWERS

SEARCH TIME: 00.00.01

=> d his

(FILE 'HOME' ENTERED AT 11:22:22 ON 08 JAN 2008)

SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:22:30 ON 08 JAN 2008

L1 1 S US20070060736/PN OR (US2006-568167# OR DE2003-10337346)/AP, PR
E BECKER/AU

L2 36 S E3
E BECKER H/AU

L3 1034 S E3-E25
E BECKER HEINRICH/AU

L4 124 S E3, E4
E BREUNING/AU

L5 35 S E8, E12, E13
E BRUNING/AU

L6 8 S E3
E BRUNING E/AU

L7 2 S E3, E4
 E BRUENING E/AU
 L8 10 S E3-E5
 E BRUENING/AU
 E BUSING/AU
 L9 3 S E4
 E BUESING/AU
 L10 31 S E4
 E BEUSING/AU
 E LUDEMANN/AU
 L11 1 S E5
 E LUDEMAN/AU
 E LUEDEMANN/AU
 E LUEDEMAN/AU
 E LEUDEMAN/AU
 E HAASE/AU
 L12 4 S E3
 E HAASE C/AU
 L13 50 S E3-E8, E27
 E HAAS C/AU
 E SPEITZER/AU
 L14 1 S E4
 E TURK/AU
 E TURK S/AU
 L15 19 S E3-E7
 E TUERK/AU
 E TUERK S/AU
 L16 2 S E4
 E TERUK/AU
 E TEURK/AU
 L17 1 S L1 AND L2-L16
 L18 1333 S L2-L16 NOT L17
 SEL RN L17

FILE 'REGISTRY' ENTERED AT 11:27:40 ON 08 JAN 2008

L19 23 S E1-E23
 L20 STR
 L21 50 S L20
 L22 STR L20
 L23 50 S L22
 L24 STR L22
 L25 50 S L24
 L26 STR L24
 L27 50 S L26
 L28 STR L26
 L29 11 S L28
 L30 3760 S L28 FUL
 SAV TEMP L30 HEINCER568A/A
 L31 14 S L19 AND L30
 L32 9 S L19 NOT L31
 L33 3 S L32 AND C6-C6-C6/ES
 L34 STR L28
 L35 13 S L34 SAM SUB=L30
 L36 255 S L34 FUL SUB=L30
 SAV TEMP L36 HEINCER568B/A
 L37 11 S L31 AND L36
 L38 3 S L31 NOT L37
 L39 STR L34
 L40 836 S L39 FUL SUB=L30
 SAV TEMP L40 HEINCER568C/A

L41 581 S L40 NOT L36
L42 2 S L33 NOT 84-11-7
L43 16 S L37,L38,L42
L44 244 S L36 NOT L43
L45 578 S L40 NOT L43,L44

FILE 'HCAPLUS' ENTERED AT 11:43:32 ON 08 JAN 2008

L46 20 S L43
L47 736 S L44
L48 280 S L45
L49 324 S L46-L48 AND PY<=2003 NOT P/DT
L50 560 S L46-L48 AND (PD<=20030812 OR PRD<=20030812 OR AD<=20030812) A
L51 1 S L1-L18 AND L49,L50
L52 8 S L50 AND C08G061/IPC,IC,ICM,ICS
L53 25 S L50 AND C08G/IPC,IC,ICM,ICS
L54 60 S L50 AND H01L/IPC,IC,ICM,ICS
L55 35 S L49,L50 AND POLYM?/SC,SX
L56 202 S L49,L50 AND ?POLYM?
L57 32 S L55 AND L51-L54,L56
L58 3 S L55 NOT L57
L59 35 S L57,L58,L51
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 11:48:58 ON 08 JAN 2008

L60 97 S E24-E120
L61 26 S L60 NOT PMS/CI
L62 23 S L61 NOT (C6-C6-C6-C6 OR C6-C6-C6-C6-C6-C6)/ES
L63 3 S L61 NOT L62
L64 89 S L60 NOT (C6-C6-C6-C6 OR C6-C6-C6-C6-C6-C6)/ES
L65 66 S L64 NOT L61
L66 27 S L65 AND L36
L67 13 S L62 AND L36
L68 45 S L43,L66,L67
L69 52 S L60 NOT L68

FILE 'HCAPLUS' ENTERED AT 11:52:47 ON 08 JAN 2008

L70 72 S L68
L71 30 S L70 AND PY<=2003 NOT P/DT
L72 29 S L70 AND (PD<=20030812 OR PRD<=20030812 OR AD<=20030812) AND P
L73 4 S L70 AND L1-L18
L74 62 S L71,L72,L73
L75 59 S L74 AND L71,L72
L76 3 S L74 NOT L75

FILE 'REGISTRY' ENTERED AT 11:53:58 ON 08 JAN 2008

=>

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 11:54:43 ON 08 JAN 2008

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FILE COVERS 1907 - 8 Jan 2008 VOL 148 ISS 2
FILE LAST UPDATED: 7 Jan 2008 (20080107/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 176 bib abs hitstr retable tot

L76 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:1170585 HCAPLUS Full-text

DN 143:441497

TI Polymers comprising phenanthrene group-containing units and bifunctional monomers for preparing them and their use in electronic devices

IN Buesing, Arne; Heun, Susanne; Tuerk, Silke; Leske, Corinna

PA Covion Organic Semiconductors GmbH, Germany

SO PCT Int. Appl., 36 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2005104264	A1	20051103	WO 2005-EP4448	20050426	
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
	RW:			BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
	DE 102004020298	A1	20051110	DE 2004-102004020298	20040426	
	EP 1741149	A1	20070110	EP 2005-744529	20050426	
	R:			AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR		
	CN 1947275	A	20070411	CN 2005-80013206	20050426	
	JP 2007534815	T	20071129	JP 2007-509955	20050426	
	US 2007205714	A1	20070906	US 2006-578540	20061016	
	KR 2007012430	A	20070125	KR 2006-722228	20061025	
PRAI	DE 2004-102004020298	A	20040426			
	WO 2005-EP4448	W	20050426			

AB Polymers are described which comprise ≥ 5 mol % of a repeating unit comprising a substituted phenanthrene moiety which binds to the polymer chain via (substituents at) the 2 and 7 positions. Bifunctional monomers from which the repeating units may be derived are also described. The polymers may incorporate addnl. repeating units which may affect the emission characteristics of the polymer. The use of the polymers or of blends containing them in electronic devices (e.g., polymer organic light-emitting diodes, organic FETs, organic integrated circuits, organic thin-film